transparent than the viewing area surface, the housing being formed as a single monolithic unit, the display element being arranged adjacent to the viewing area surface.

3. (Twice Amended) An electronic fever thermometer according to Claim 1, wherein the thermometer further includes a cover part secured to the housing, the cover part being produced in one piece from a transparent plastic material.

9. (Twice Amended) An electronic fever thermometer according to Claim 3, wherein the cover part is sealed to the housing by ultrasonic welding.

17. (Amended) An electronic fever thermometer comprising:

a temperature sensor;

a display element for displaying the temperature measured by the temperature sensor; and

a housing made from a transparent material for housing the temperature sensor and the display element, wherein the housing includes a substantially transparent viewing portion and a light diffusing portion, the light diffusing portion having an integrally molded textured surface formed thereon, whereby the light diffusing portion is rougher in texture and substantially less transparent than the viewing portion so that light passing through the light diffusing portion is diffusely scattered, the display element being positioned within the housing adjacent the viewing portion to be visible therethrough.